

FIGURE 1

Select Patient

34

30

32

Name	Age	Gender	Social Security #
Clinton, William	48	Male	222-22-2222
Dougherty, Gracie	60	Female	444-44-4444
Flynn, Grace	20	Female	666-66-6666
Harrington, Mary	49	Female	123-45-6788
Jones, Frederick	36	Male	123-45-6789
Sullivan, Patti	60	Female	111-11-1111

New Pt

OK

Cancel

FIGURE 2

36

39

38

39
46
54
56
48
45
58
50
51
60
52

40
42

Select Patient

Rx History

Condition

Mary Harrington

Rx Options

Drug

Atenolol

Synthroid

64
66

Rx History

Condition

Rx Options

Drug

Atenolol

Synthroid

68
70

Updating

Size

Dosing

Expiry

74
76

78
80

New Rx

Condition

Drug

Form

Size

Route

Amt

Refill

Dosing

Expiry

86
88
90
92
94
96
98
100

102
104

Send Rx

Close

Condition	Drug	Form	Size	Route	Amt	Refill	Dosing	Expiry
otitis Media	Trimethoprim	N	Cap, U	100 mg	PO	30	0	1 QD
		Y						
		Y						
		Y						
		Y						

FIGURE 3

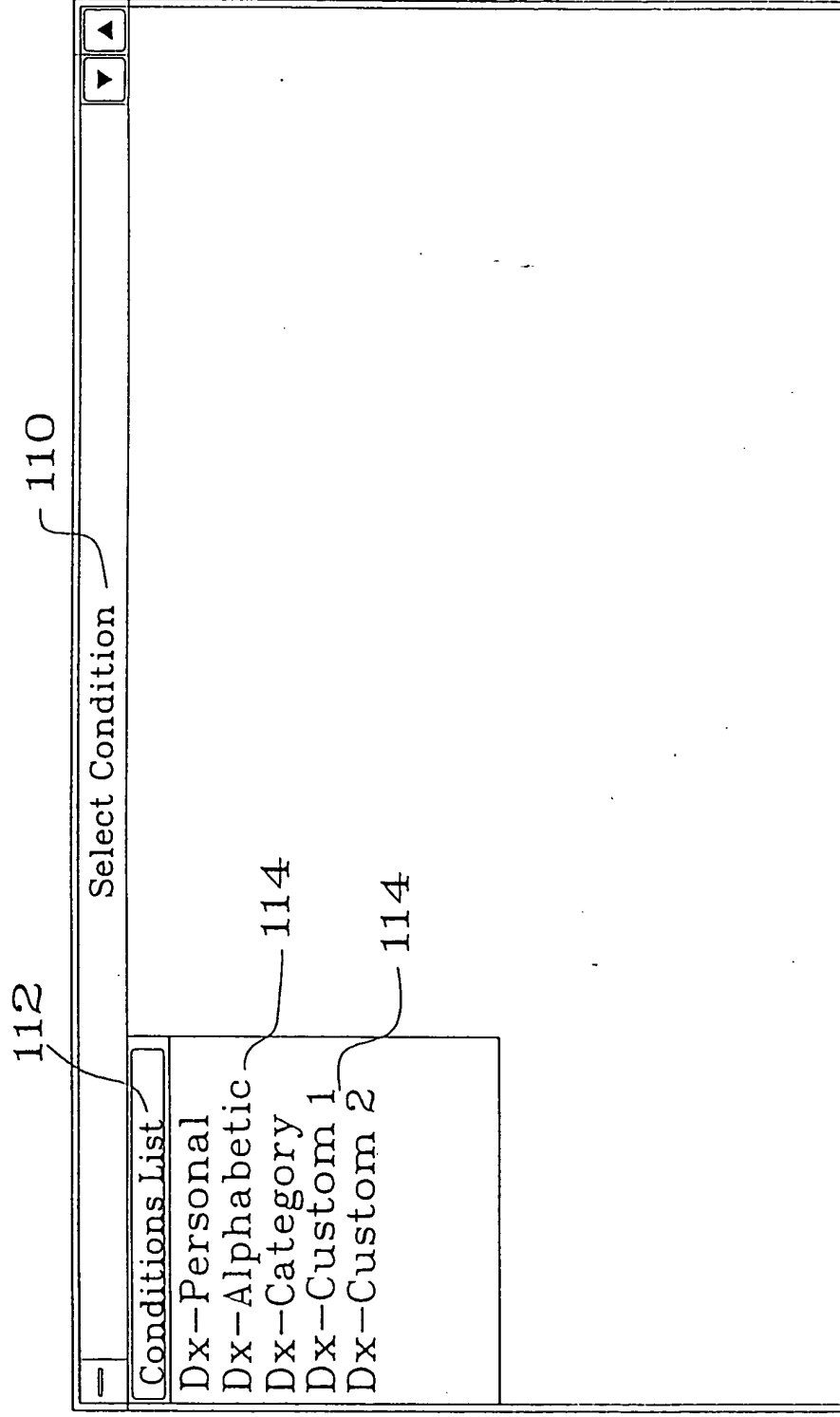


FIGURE 4

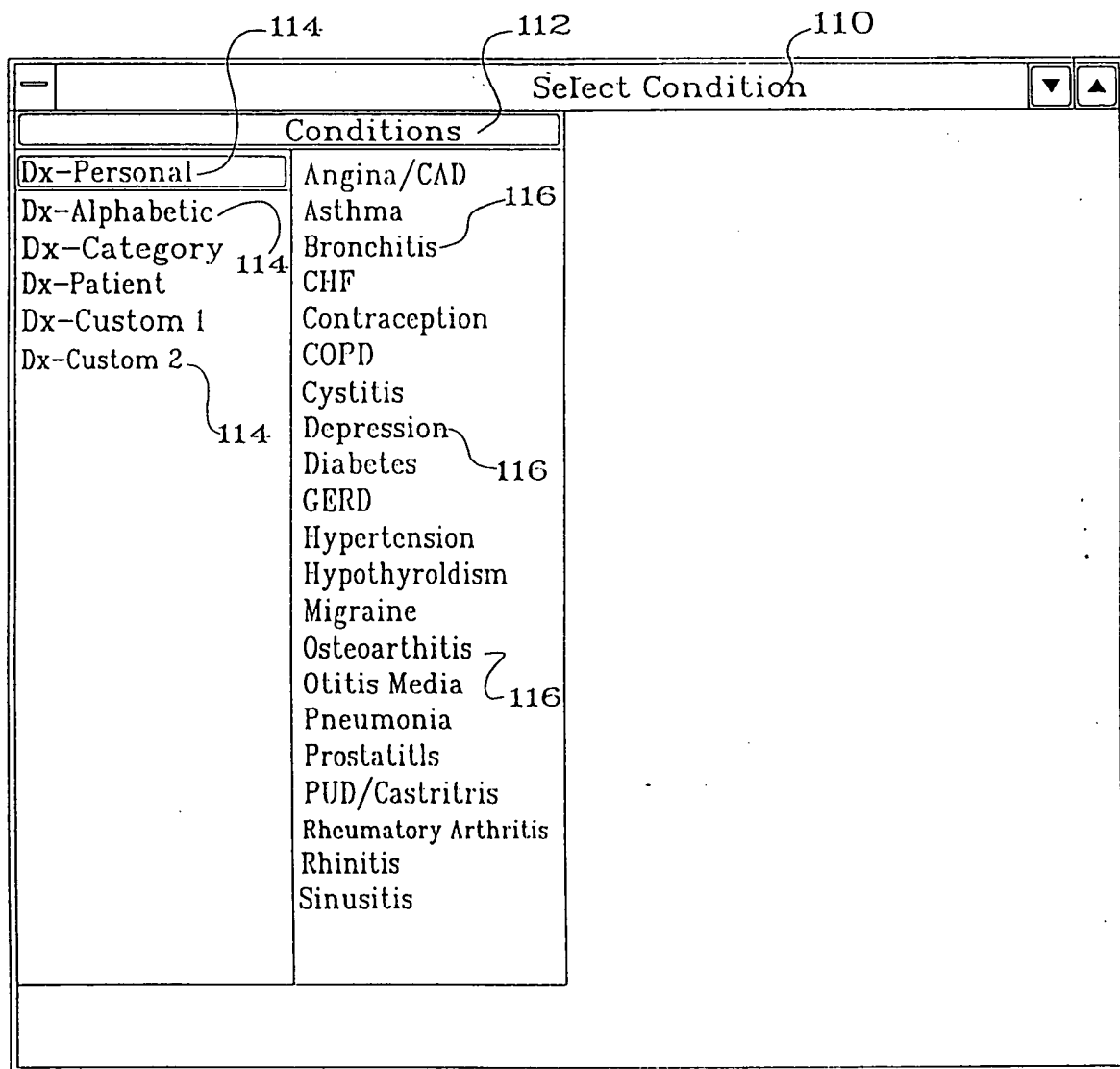


FIGURE 5

114 112 110 120

Select Drug

Conditions	Formulary Drugs
Dx-Personal	Cimetidine 118
Dx-Alphabetic 114	Ranitidine
Dx-Category 114	Antacid 118
Dx-Patient	Other
Dx-Custom 1	
Dx-Custom 2 114	
Angina/CAD	
Asthma	
Bronchitis 116	
CHF	
Contraception	
COPD	
Cyetitis	
Depression	
Diabetes	
GERD 116	
Hypertension 116	
Hypothyroidism	
Migraine	
Osteoarthritis	
Otitis Media	
Pneumonia	
Prostatitis	
PUD/Gastritis	
Rheumatoid Arthritis	
Rhinitis	
Sinusitis 116	

FIGURE 6

114		112		110		124	
-		Select Drug					
Conditions		Formulary Drugs		Nonformulary Drugs			
Dx-Personal Dx-Alphabetic Dx-Category 114 Dx-Patient Dx-Custom 1 Dx-Custom 2		Angina/CAD Asthma Bronchitis 116 CHF Contraception COPD Cytitis Depression Diabetes GERD Hypertension Hypothyroidism Migraine Osteoarthritis Otitis Media Pneumonia Prostatitis PUD/Gastritis Rheumatoid Arthritis Rhinitis Sinusitis 116		Cimetidine Ranitidine Antacid Other		Famotidine Nazatidine Omeprazole Sucralfate	

FIGURE 7

061515Z 070400

	Select Drugs			
	Body system	Conditions	Drug Category	Drug
114	Dx by Body System	Cancer ~ 116	analgesics ~ 119	Advil Pediatric
114	Dx by Alpha	Gout	narcotics	Anaprox ~ 121
115	Rx by Therapeutic Class	Infections ~ 116	NSAIDS	Anaprox DS
115	Rx by Alpha	Muscle spasm	salicylates ~ 119	Butazolidin
		Neuro-muscular disease		Butazone
		Osteoarthritis		Children's Advil
		Osteoporosis/dystrophy		Children's Motrin
		Pain		Clinoril
		Rheumatoid arthritis		Diclofenac Potassium
				Diclofenac Sodium
				Feldene
				Fenofon
				Fenoprofen Calcium
				Flurbiprofen
				Indocin
				Indocin SR ~ 121
				Indomethacin
				Indomethacin Sodium
				Indomethacin SR
				Ketoprofen
				Ketorolac Tromethan
				Meclofodum
			121	Meclofenamate Sodium
				Meclofen
				Mefenamic Acid
				Motrin
				Nalfon

FIGURE 8

114
114
115
115

Dx by Body System
 Dx by Alpha
 Dx by Therapeutic Class
 Rx by Alpha
 Rx Personal

Select Conditions
▼ ▲

Drug Category	Drug	Conditions
cough/cold preps	Acetazolamide	↑
coumadin	Acetazolamide Sodium	
cromolyn	Aldactazide 25/25	
cycloplegics	Aldactazide 50/50	
decongestants	Aldactone	121
digestive aids	Aldarex Plus 25/25	
digestive enzymes	Altex	
digitalis	Amiloride & HCTZ	
direct muscle relaxant	Amiloride HCl	
diuretics	Anhydron	121
DMSO	Bendroflumethiazide	
dopaminergics	Bumetanide	
ergot alkaloids	Bumex	
erythromycins	Chlorothiazide	
estrogen comb.	Chlorothiazide Sodium	
flouride(s)	Chlorthalidone	
floxacin	Cyclothiazide	
gastric acidifiers	Daranide	
glucocorticoids	Diamox	121
gold preps	Diamox Sequets	
growth hormone	Dichlorphenamide	
H2-antagonists	Diruil	
heparin	Diuril	
hormones	Dyazide	
bypokaleemics	Dyrenium	
immunosuppressives	Edocrin	121
inhalants	Enduron	
	Esidrix	

FIGURE 9

Select Conditions-Drug Specified			
Drug List	Drug	Personal	Other
115 Rx Personal	Achromycin		Acne
115 Rx-Alphabetic	Achromycin V		ADD
Rx-Category	Amindocillin		Alcohol Abuse
Rx-Custom 1	Amoxcillin		Anemia 116
Rx-Custom 2	Amoxil 121		Angina
	Ampicillin		Anti-toxin/venom
	Ampicillin Sodium		Anxiety disorders
	Ampicillin w/Proben		Arrhythmia 116
	Augmentin		Asthma
	Azithromycin		Bacterial
	Azlocillin Sodium		Bladder disorder
	Bactrim		BPH
	Bactrim DS		Bronchitis
	Beepen-VK		Cancer
	Betapen-VK		CHF
	Biaxin 121		Chloamphenicol
	Ceclo		Cholelithiasis 116
	Cefaclor		Cirrhosis/Hepatitis
	Cefadroxil		Clotting disorders
	Cefanex		Constipation
121 Cefixime	Cefixime		Contraception
	Cefobid		Convulsive disorders
	Cefotan		COPD
	Cefprozil		Dementia
	Ceftin 121		Depression 116
	Cefzil		Dermatitis, Eczema, se
	Cephalexin		Diabetes/ Diabetes ins
	Cephalothin Sodium		Diarrhea
		Otitis Media 116	
		Tonsillitis	
		Urinary Tract Infec	
		116	

FIGURE 10

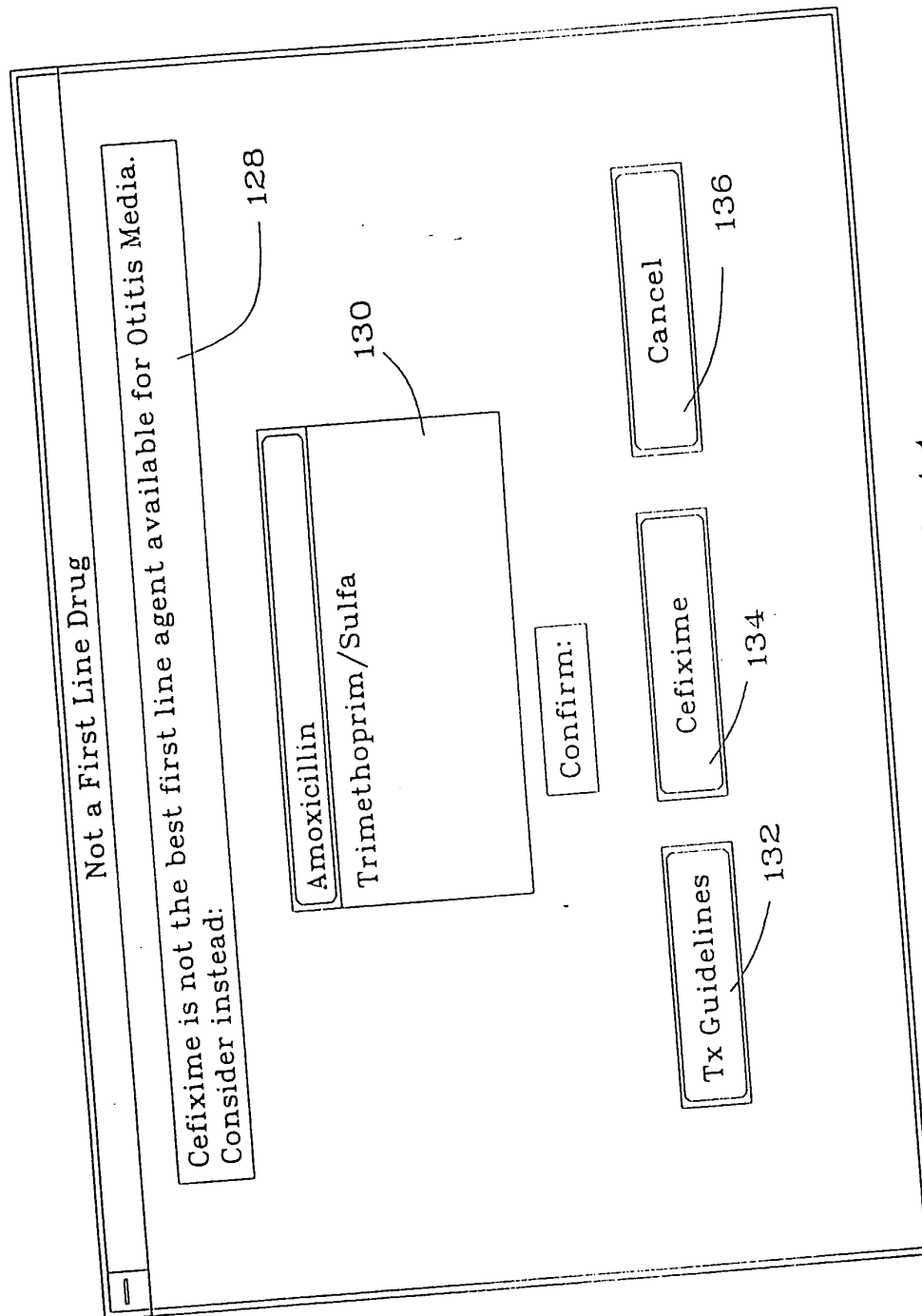


FIGURE 11

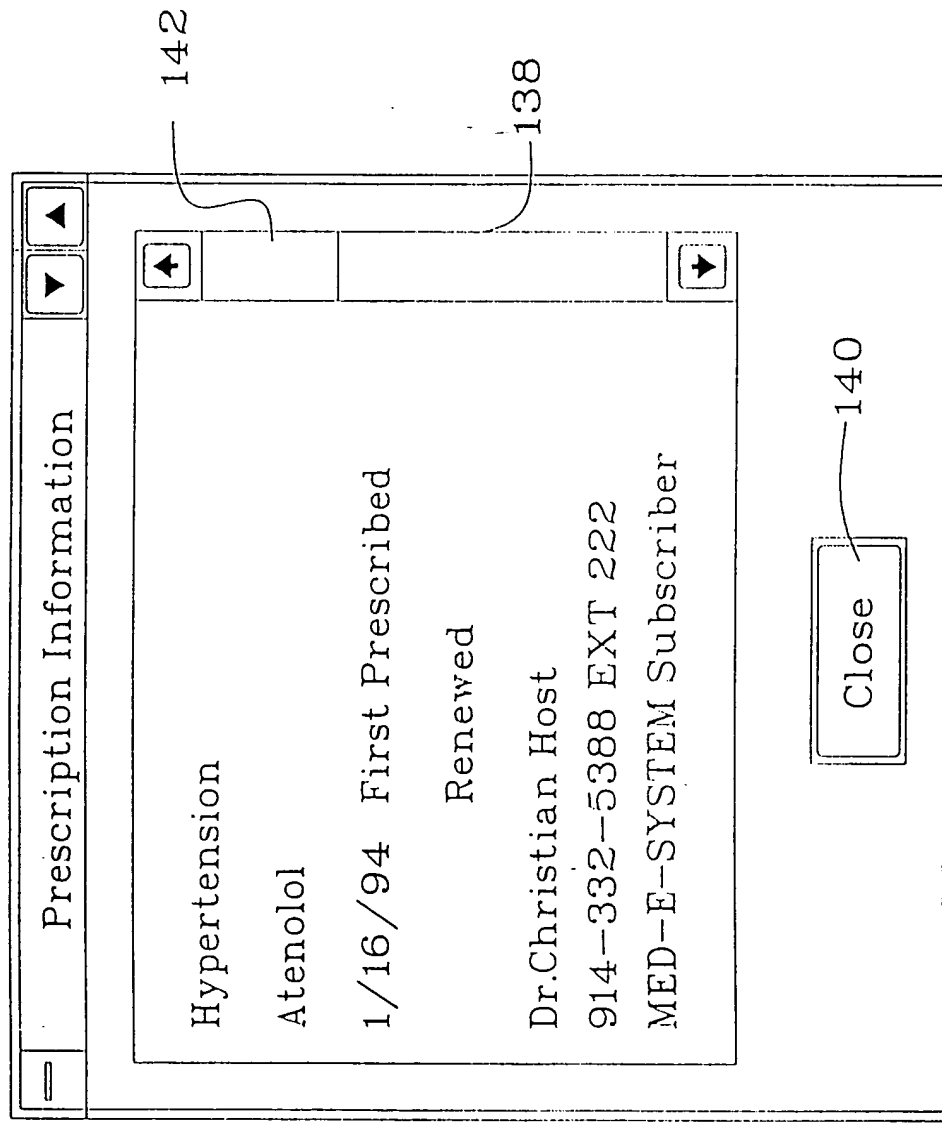


FIGURE 12

Figure 1 is a schematic diagram of a computer screen 140 displaying a "Maintain Doctor's Lists" window 142. The window has a title bar 144 with a menu icon 146 and the title text 148. Below the title bar is a list box 150 containing "List Type", "Rx Personal", "Dx Personal", and "Allergies". To the right of the list box is a large text area 152. The text area is divided into two sections: a top section 154 labeled "Problem List" and a bottom section 156 labeled "Problems". The "Problem List" section contains a list of medical conditions: Angina/CAD, Asthma, Bronchitis, CHF, Contraception, COPD, Cytitis, Depression, Diabetes, GERD, Hypertension, Hypothyroidism, Migraine, Osteoarthritis, Otitis Media, Pneumonia, Prostatitis, PUD/Gastritis, Rheumatoid Arthritis, Rhinitis, and Sinusitis. The "Problems" section contains a list of medical conditions: Angina/CAD, Asthma, Bronchitis, CHF, Contraception, COPD, Cytitis, Depression, Diabetes, Diarrhea, Fever, GERD, Gout, Hypercholesterolemia, Hypertension, Hypothyroidism, Migraine, and Musculoskeletal Pain. Between the two sections are two arrow buttons 158 and 160. The window also includes a "Save" button 162 and an "Exit" button 164.







FIGURE 14

864220" 965T2160

SCHEDULED DOSAGE DRUG PACK

MONDAY January 2
1995

PK: MARY HARRINGTON
MD: Dr. Christian Host

	188	188	188	188
	DRUG NAME	DRUG NAME	DRUG NAME	DRUG NAME
	Special Instructions			
8 A.M.		• •		
12 NOON				
4 P.M.		• •		

182

184

186

188

FIGURE 15

144

146

148

150

152

154

142

156

162

158

160

Problem Record				
New	Problem	Act	Diagn.Physician	Date
	Bronchitis	Y	Dr. Host	02-09-94
		N	Dr. Host	02-03-94
	Hypertension	Y	Dr. Host	02-14-94
	Hypothyroidism	Y	Dr. Host	02-14-94
Y	Depression	Y	Dr. Host	03-21-94

162

Choose Status

Add

Ok

Cancel

FIGURE 13

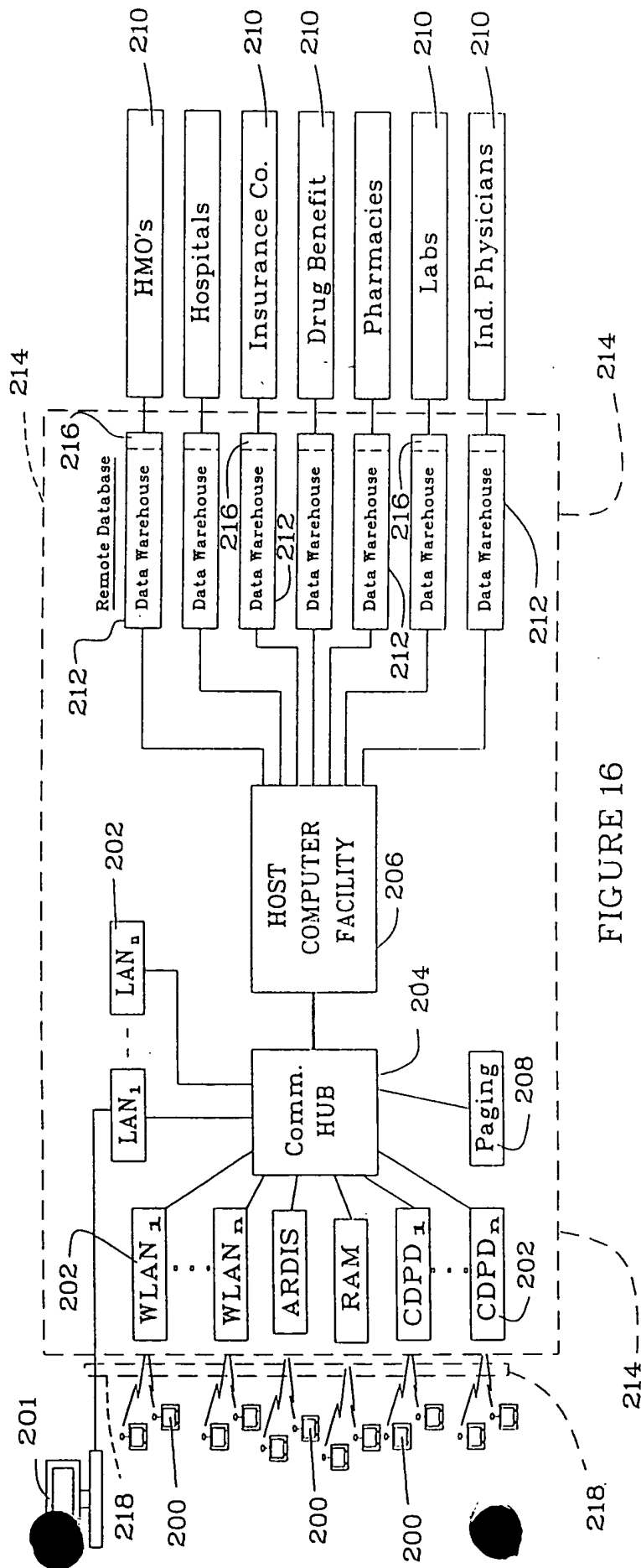


FIGURE 16

46

Select Patient

Name	Age	Gender	Social Security #
Clinton, William	48	Male	222-22-2222
Dougherty, Gracie	60	Female	444-44-4444
Flynn, Grace	20	Female	666-66-6666
Harrington, Mary	49	Female	123-45-6788
Jones, Frederick	36	Male	123-45-6789
Sullivan, Patti	60	Female	111-11-1111

New Pt

OK

Cancel

PROPOSED
AMENDED

FIGURE 2

Approved
MPC

38

39

36

32

30

34

26

47

47

47

28

48

60

20

49

36

60

Not a First Line Drug

Cefixime is not the best first line agent available for Otitis Media.
Consider instead:

Amoxicillin

Trimethoprim/Sulfa

Confirm: **135**

Tx Guidelines

Cefixime

Cancel

128

130

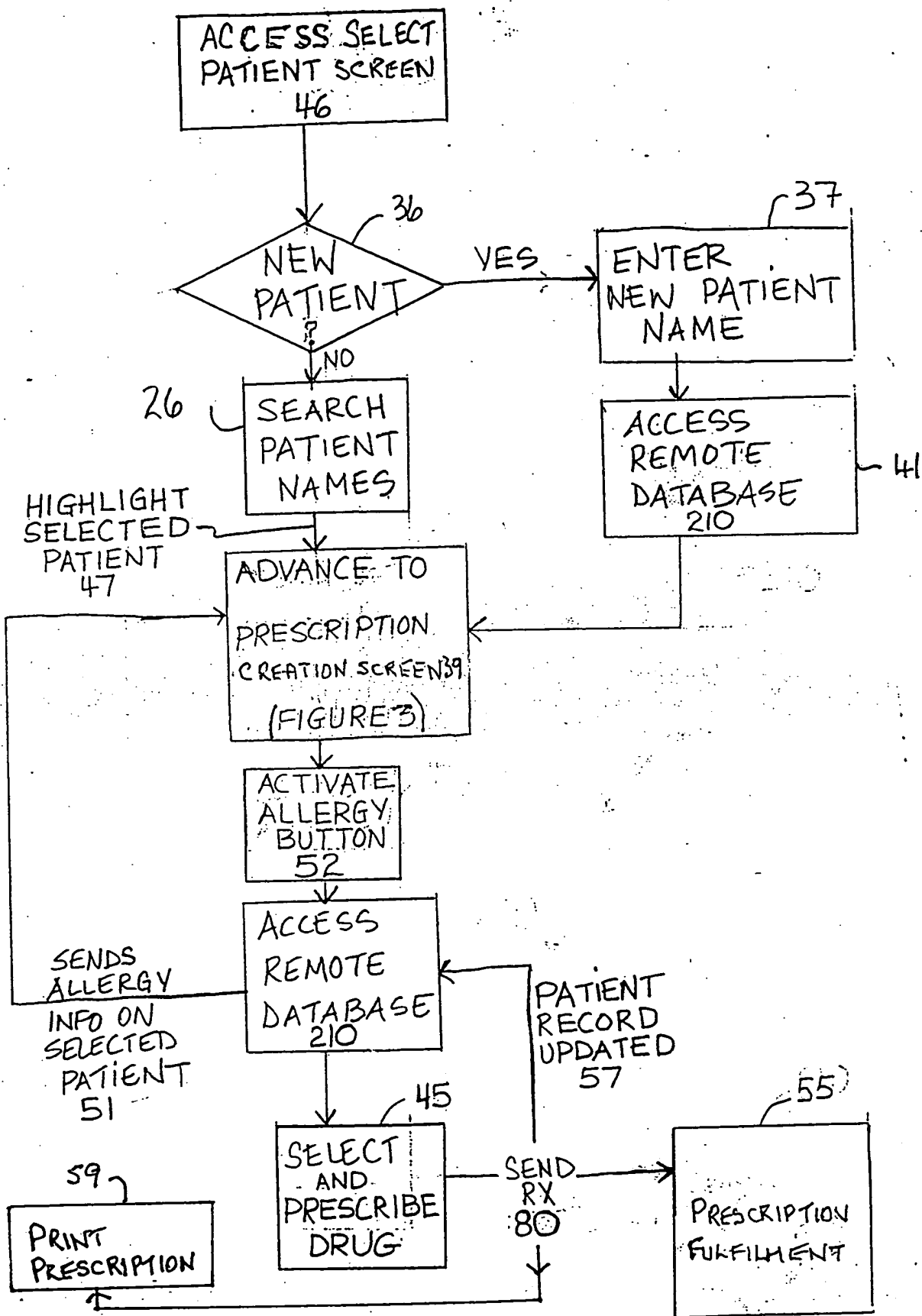
132

134

136

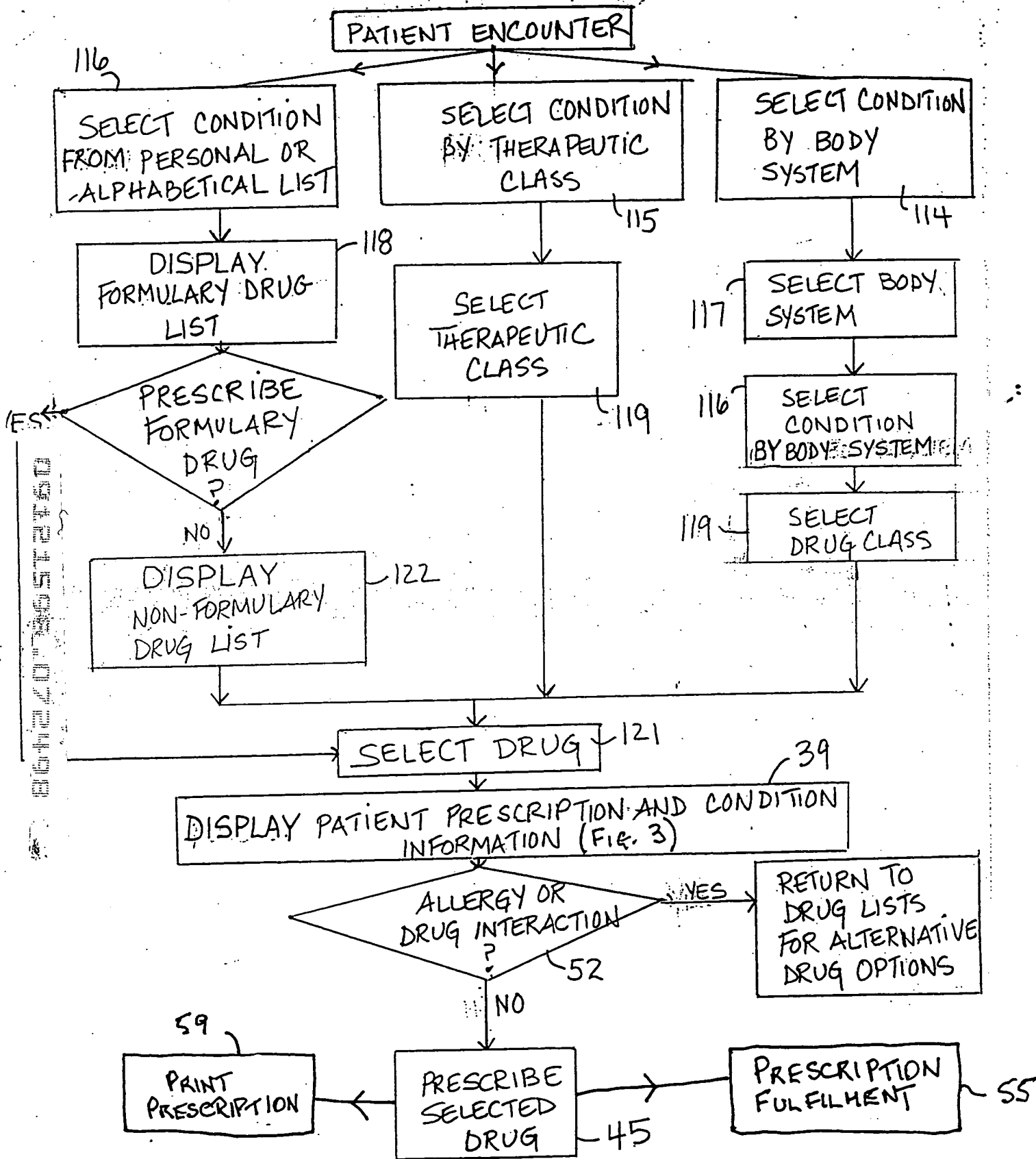
PROPOSED
AMENDED

FIGURE 11



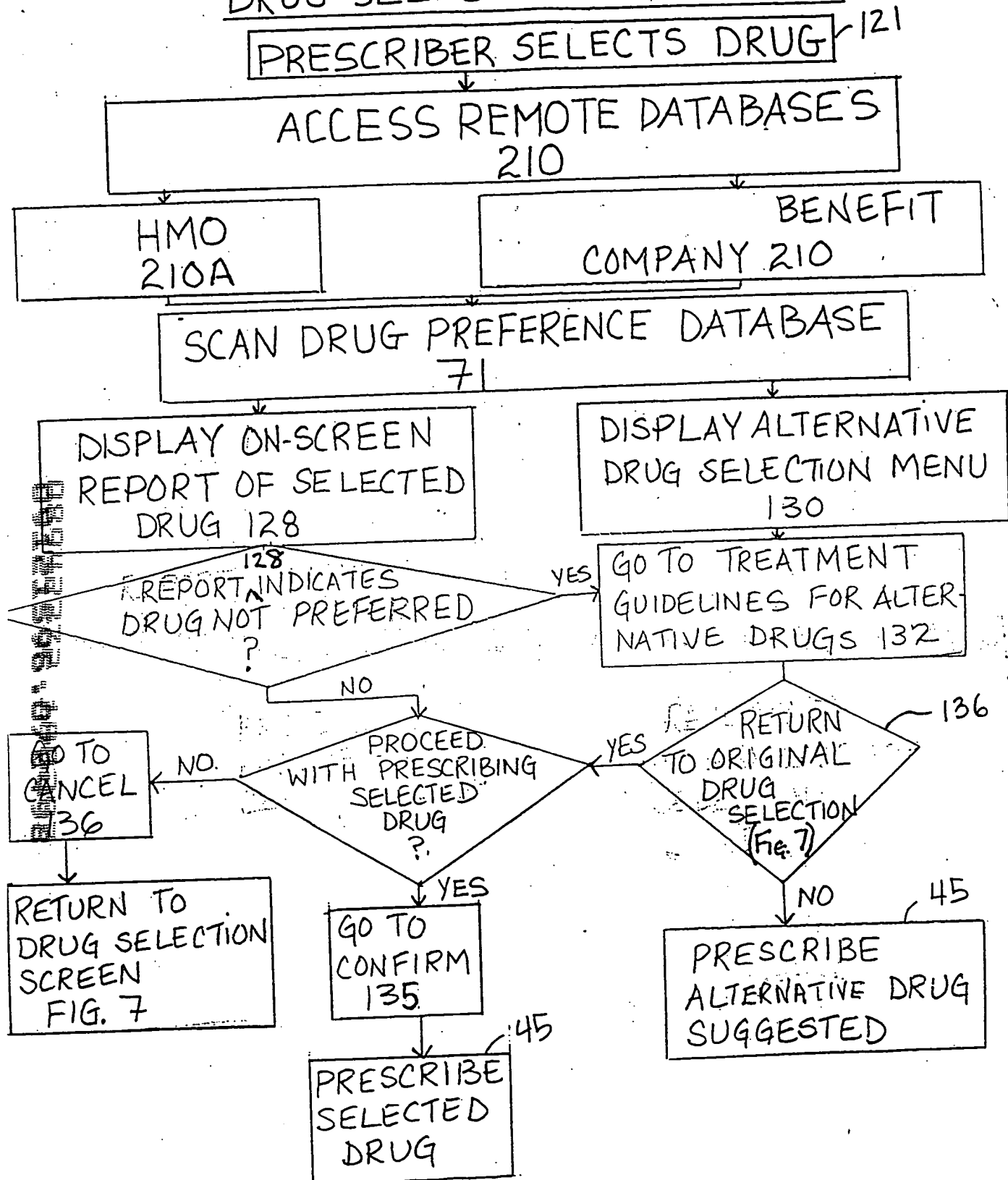
PROPOSED NEW FIGURE 17

CONDITION DRIVEN DRUG SELECTION



PROPOSED NEW FIGURE 18

DRUG SELECTION EVALUATION



PROPOSED NEW FIGURE 19

DIRECT DRUG SELECTION

ACTIVATE DRUG FIELD 88

SELECT DRUG
LIST 114, 115

SELECT DRUG
CATEGORY
119

SELECT SPECIFIC
DRUG 121

SYSTEM PROMPTS
ENTRY OF CONDITION

PRESCRIBER CAN
QUICKLY PRESCRIBE
KNOWN DRUG

GENERATES OR
MODIFIES USER-
ADAPTIVE PERSONAL
DRUG LIST
114

111

123

PROPOSED NEW FIGURE 20

SEND RX
80

123
GENERATES OR MODIFIES USER-
ADAPTIVE PERSONAL DRUG AND
CONDITION LISTS 114

89
CALCULATES
NUMBER OF OCCURRENCES
OF CONDITIONS ENCOUNTERED

87
CALCULATES
PRESCRIPTION FREQUENCY

7
UPDATED
CONDITION LIST

115
UPDATED
DRUG LIST

114
INCORPORATED
INTO PHYSICIANS
PERSONAL OR
CUSTOM LISTS

24
INDIVIDUAL LISTS
GROUPED INTO GENERAL
DOCTORS LISTS

PROPOSED NEW FIGURE 21